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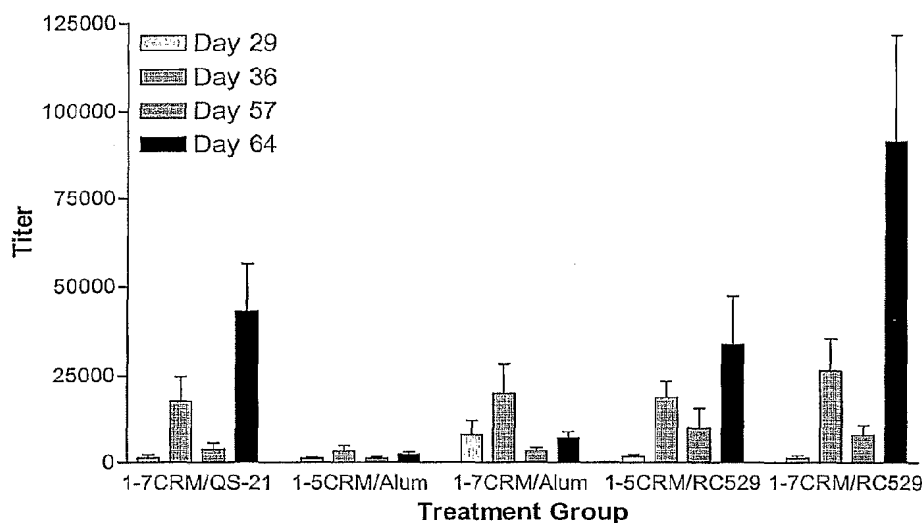
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[Continued on next page]

(54) Title: **A $\beta$  IMMUNOGENIC PEPTIDE CARRIER CONJUGATES AND METHODS OF PRODUCING SAME**

**Titers by Day**



(57) Abstract: The present invention is directed to methods of producing conjugates of A $\beta$  peptide immunogens with protein/polypeptide carrier molecules, which are useful as immunogens, wherein peptide immunogens are conjugated to protein carriers via activated functional groups on amino acid residues of the carrier or of the optionally attached linker molecule, and wherein any unconjugated reactive functional groups on amino acid residues are inactivated via capping, thus retaining the immunological functionality of the carrier molecule, but reducing the propensity for undesirable reactions that could render the conjugate less safe or effective. Furthermore, the invention also relates to such immunogenic products and immunogenic compositions containing such immunogenic products made by such methods.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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## A. CLASSIFICATION OF SUBJECT MATTER

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US CL : 530/402

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 530/402, 403

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2003/0135035 A1 (SHANNON) 17 July 2003 (17.07.2003), see page 22, paragraph [0292].	1-379
Y	US 2003/0207828 A1 (ISHIWATA ET AL.) 06 November 2003 (06.11.2003), see page 9, paragraph [0168].	1-379
Y	US 2003/0092145 A1 (JIRA ET AL.) 15 May 2003 (15.05.2003), see pages 12-13, paragraph [0101].	1-397
Y,P	US 6,962,984 B2 (ISHIWATA ET AL.) 08 November 2005 (08.11.2005), see column 16, lines 14-22.	1-397
Y	US 5,866,129 (CHANG ET AL.) 02 February 1999 (02.02.1999), see column 5, lines 41-50 and column 6, lines 25-32.	1-379
Y	US 5,245,015 (FUNG ET AL.) 14 September 1993 (14.09.1993), see column 4-5, for example.	1-379

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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search terms: immunogen, conjugate, antigen, albumin, ovalbumin, padre, klh, epitope